

SOLAR INVERTER

ON-GRID HYBRID



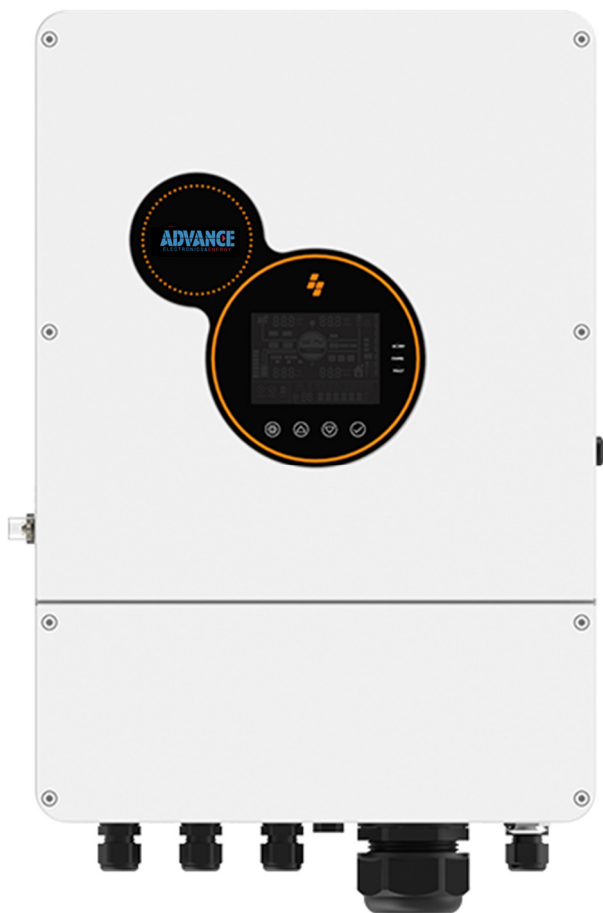
ADVANCE SRNE

HESP48

3'600W - 4'000W

4'600W - 5'500W

6'000W



Applicazione domestica con gestione batterie

Fino a 9000W di solare

Wi-Fi e App di controllo remoto

Funziona con qualunque tipo di batteria

Possibilità di lavoro anche senza batterie

Completamente programmabile

TECHNICAL DATA

MODEL	HESP4836	HESP4840	HESP4846	HESP4855	HESP4860
INVERTER OUTPUT					
Rated Output Power	3'600W	4'000W	4'600W	5'500W	6'000W
Max.Peak Power	7'200VA	8'000VA	9'200VA	11'000VA	12'000VA
Rated Output Volt.	230Vac settable				
Load Capacity of Motors	3HP			4HP	
Rated AC Frequency	50/60Hz				
Waveform	pure sine wave				
Switch Time	10ms (typical)				
Output Mode	Off-grid (default) / On-grid / Hybrid				
BATTERY					
Battery Type	Lead-acid / Li-ion / User Defined				
Rated Battery Volt.	48V				
Voltage Range	40~60Vdc				
Max.MPPT Charging Current	100A				
Max.Mains/Generator Charging	60A				
Max.Hybrid Charging Current	100A				
PV INPUT					
Num. of MPPT	2				
Max.PV Array Power	2'700W+2'700W	3'000W+3'000W	3'500W+3'500W	4'000W+4'000W	4'500W+4'500W
Max.Input Current	16A+16A				
Max.Voltage of Open Circuit	500Vdc				
MPPT Volt. Range	120~450Vdc (90V strat-up)				
MAINS/GENERATOR INPUT					
Input Voltage Range	UPS mode: 170~280Vac; APL mode: 90~280Vac				
Frequency Range	50/60Hz				
Bypass Overload Current	40A				
EFFICIENCY					
MPPT Tracking Efficiency	99.9%				
Max. Efficiency	97,5%				
GENERAL					
Dimensions & Weight	556*345*182mm - 20kg				
Protection Degree	IP65				
Operating Temperature Range & Humi-	-25~60°C, >45°C derate - 0~100%				
Cooling Method	Heat sink + intelligent fan cooling (<60dB)				
Warranty	5 years				
COMMUNICATION					
Embedded Interfaces	RS485 / CAN / USB / Dry contact				
External Modules (Optional)	Wi-Fi / GPRS				
Certifications	EN50549-1, EN50549-IE, PEA-MEA, UNE217002, G99, G98, G98/NI, G99/NI, NRS-097, VDE-ARN4105, CEI 021, IEC62109-1, IEC62109-2, EN61000-6-1, EN61000-6-3, RoHS, FCC 15 class B, AS4777.2 Australia New Zealand, AS4777.2 Australia A,				
PROTECTIONS					

PV reverse protection, Anti-Islanding Protection, Residual-Current Monitoring, Insulation Resistance Monitoring, Output Short-Circuit, Protection, Output Over-Current Protection, Over-Voltage Category: AC type II/DC type III, Surge Category: AC type II/DC type II